

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near10 (memor\$3 solid\$1state) near20 (graphic\$2 near5 (equaliz\$5 equalis\$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:21
L2	0	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near10 (memor\$3 solid\$1state) near20 (parametric\$2 near5 (equaliz\$5 equalis\$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:19
L3	0	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near10 (memor\$3 solid\$1state) and (parametric\$2 near5 (equaliz\$5 equalis\$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:19
L4	2	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near10 (memor\$3 solid\$1state) and (graphic\$2 near5 (equaliz\$5 equalis\$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:20
L5	0	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near10 (memor\$3 solid\$1state) near20 (equaliz\$5 equalis\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:21
L6	17	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near10 (memor\$3 solid\$1state) and (equaliz\$5 equalis\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:50
L7	41	(dsp digital near signal near process\$3) near20 (mac multiply near (accumulat\$4 add\$5 sum\$5)) near20 (register buffer cache) and (DMA direct near memory near access\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:55

## EAST Search History

L8	0	(dsp digital near signal near process\$3) near20 (mac multiply near (accumulat\$4 add\$5 sum\$5)) near20 (register buffer cache) near20 (DMA direct near memory near access\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:52
L9	337	(dsp digital near signal near process\$3) near20 (interpolat\$4) near5 (filter\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:59
L10	149	(dsp digital near signal near process\$3) near5 (interpolat\$4) near5 (filter\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:00
L11	3	7 and (interpolat\$4) near5 (filter\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:59
L12	0	(dsp digital near signal near process\$3) near5 (interpolat\$4) near5 (filter\$3) same (audio mp3 mpeg\$6) near5 (player play\$1back reproduc\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:17
L13	37	(dsp digital near signal near process\$3) near5 (interpolat\$4) near5 (filter\$3) and (audio mp3 mpeg\$6) near5 (player play\$1back reproduc\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:01
L14	22	(US-20070078548-\$ or US-20040069121-\$ or US-20040267520-\$ or US-20020015362-\$ or US-20060062363-\$ or US-20020057207-\$ or US-20040252604-\$ or US-20020012398-\$ or US-20020015447-\$).did. or (US-6606281-\$ or US-5839108-\$ or US-7176372-\$ or US-6721710-\$ or US-7076432-\$ or US-5539479-\$ or US-5911082-\$ or US-5960209-\$ or US-5532950-\$ or US-5963153-\$ or US-5986589-\$ or US-6000834-\$ or US-6754279-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/11 07:08

## EAST Search History

L15	1	14 and ((parallel serial) near20 graphic\$5 near5 (eq equaliz\$6 equalis\$6))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 09:03
L16	9	(dsp digital near signal near process\$3) and ((parallel serial) near20 graphic\$5 near5 (eq equaliz\$6 equalis\$6))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:12
L17	22	((parallel serial cascad\$3) near20 graphic\$5 near5 (eq equaliz\$6 equalis\$6) near20 (parallel serial cascad\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:13
L18	3	((serial cascad\$3) near20 graphic\$5 near5 (eq equaliz\$6 equalis\$6) near20 (parallel cascod\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:13
L19	2	((serial cascad\$3) near20 graphic\$5 near5 (eq equaliz\$6 equalis\$6) near20 (subtract\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:14
L20	2	((parallel cascod\$3) near20 graphic\$5 near5 (eq equaliz\$6 equalis\$6) near20 (sum\$6 add\$6))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:14
L21	288	(dsp digital near signal near process\$3) near20 (clock voltage) near5 (sav\$3 reduc\$5 low\$6) near5 (power energy heat)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:18
L22	181	(dsp digital near signal near process\$3) near20 (clock supply adj voltage) near5 (sav\$3 reduc\$5 low\$6) near5 (power energy heat)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:19

## EAST Search History

L23	8	(dsp digital near signal near process\$3) near20 (clock near10 supply adj voltage) near10 (sav\$3 reduc\$5 low\$6) near5 (power energy heat)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:19
L24	0	23 and (filter\$3 equali\$7) near10 (sav\$3 restor\$6 load\$3) near10 (memory buffer cache)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:21
L25	532	(dsp digital near signal near process\$3) and (filter\$3 equali\$7) near10 (sav\$3 restor\$6 load\$3) near10 (memory buffer cache)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:22
L26	394	(dsp digital near signal near process\$3) and (filter\$3 equali\$7) near10 (restor\$6 load\$3) near10 (memory buffer cache)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:22
L27	224	(dsp digital near signal near process\$3) and (filter\$3 equali\$7) near5 (restor\$6 load\$3) near5 (memory buffer cache)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:22
L28	14	27 and (audio music multi\$1media) near3 (player play\$1back reproduc\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 07:23
L32	13	14 and (record\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 09:03
L33	70	"5491774"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 09:25

## EAST Search History

L34	2	"5491774".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 09:25
S1	1	"10".src. and "607951".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:14
S2	1	holley-rod\$.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:14
S3	1172	700/94.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:23
S4	56	S3 and dma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:23
S5	34	S3 and dma and (direct adj memory adj access\$7)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 21:23
S6	2	"10".src. and "723710".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:15
S7	2	"7130980".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:15

## EAST Search History

S8	1	"11".src. and "494790".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:17
S9	285	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near10 (memor\$3 solid\$1state)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/11 06:17
S10	29	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near10 (memor\$3 solid\$1state) and (DMA direct adj2 access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:37
S11	0	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near20 (clock\$3 frequency) near5 (low\$5 reduc\$5) near10 (power batter\$3 energy) and (DMA direct adj2 access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:39
S12	2	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near20 (clock\$3 frequency) near5 (low\$5 reduc\$5) near10 (power batter\$3 energy)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:41
S13	2	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) near20 (clock\$3 frequency) near5 (low\$5 reduc\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:40
S14	91	(audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) and (clock\$3 frequency) near5 (low\$5 reduc\$5) near10 (power batter\$3 energy)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:54

## EAST Search History

S15	71	S14 and (interfac\$3 connect\$4 transmit\$7 receiv\$7) near5 (computer cpu portable usb ieee\$1"1394" fire\$1wire uart\$5 parallel serial)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:43
S16	33	(portable hand\$1held) near5 (audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) and (clock\$3 frequency) near5 (low\$5 reduc\$5) near10 (power batter\$3 energy)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:58
S17	275	(portable hand\$1held) near5 (audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) and (interfac\$3 connect\$4 transmit\$7 receiv\$7) near5 (computer cpu portable usb ieee\$1"1394" fire\$1wire uart\$5 parallel serial)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:59
S18	265	(portable hand\$1held) near5 (audio music multi\$1media) near3 (player play\$1back reproduc\$3) and (micro\$1control\$4 u\$1control\$4) near5 (dsp process\$3 cpu) and (interfac\$3 connect\$4 transmit\$7 receiv\$7) near5 (computer cpu portable usb ieee\$1"1394" fire\$1wire)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 21:59
S19	7	(US-20040267520-\$ or US-20070078548-\$ or US-20040069121-\$ or US-20020015362-\$).did. or (US-7176372-\$ or US-5839108-\$ or US-6606281-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/10 23:28
S20	1	S19 and (multiply near3 (accumulat\$4 add\$5))	US-PGPUB; USPAT	OR	ON	2007/06/10 23:29
S21	4	S19 and (multiply near3 (accumulat\$4 add\$5) dsp)	US-PGPUB; USPAT	OR	ON	2007/06/10 23:29